PATENT IN THE UNITED STATES PATENT AND TRADEMARK OFFICE application of Bukh et al. 09/084,691 App. No. Filed May 26, 1998 Title NUCLEOTIDE AND DEDUCED AMINO ACID SEQUENCES OF THE ENVELOPE 1 AND CORE GENES OF ISOLATES OF HEPATITIS C VIRUS AND THE USE OF REAGENTS **DERIVED FROM THESE** RECEIVED SEQUENCES IN DIAGNOSTIC METHODS AND VACCINES MAR 1 7 2003 1648 Art Unit **TECH CENTER 1600/2900**

ASSOCIATE POWER OF ATTORNEY

United States Patent and Trademark Office P.O. Box 2327 Arlington, VA 22202

Zeman., M.

Dear Sir or Madam:

Examiner

The undersigned attorney of record, pursuant to the provisions of 37 C.F.R. §§ 1.33 and 1.34, and M.P.E.P. § 402.02, hereby appoints the registrants of Knobbe, Martens, Olson & Bear, LLP, 2040 Main Street, Fourteenth Floor, Irvine, California 92614, telephone (949) 760-0404, Customer No. 20,995, as its attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected herewith.

Done on this 4 day of MARCH, 2003, at Rockville, Maryland.

UNITED STATES DEPARTMENT OF HEALTH AND **HUMAN SERVICES**

Printed Name: MICHAEL A. SHMILONIM

for:

Office of Technology Transfer National Institutes of Health 6011 Executive Boulevard, Suite 325 Rockville, MD 20852 Telephone (301) 496-7056 Facsimile (301) 402-0220



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In reapplication of Bukh et al.

Serial No. : 09/084,691

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Title : NUCLEOTIDE AND DEDUCED

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Art Unit : 1648

Examiner : Zeman, M.

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Dear Sir or Madam:

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Respectfully submitted,

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